

Your Water Connection

News & Tips for Tucson Water Customers

Water System Inspections can lower your water bill

Zanjeros Ready to Help You Save Water!! For Free!

Saving water and reducing your water bill can be just a phone call away. During the past several years, the Tucson Water Zanjeros program has helped hundreds of water customers reduce their water use and reduce their water bill.

The Zanjeros are Tucson Water employees specially trained in helping you identify ways to save water in your home and yard. That's what Zanjero means - water manager.

Call 791-4556 to schedule an appointment with the Zanjeros today. This is a free service from Tucson Water.

Did you know that homes built more than 15 years ago are much more likely to use more water than newer homes? Since the mid-1980s, home designs have focused more on wise water use with many water-saving options being built into the home during construction.

Prior to that time, water conservation was not always a priority for homebuilders, so older homes are sometimes less water-efficient than newer homes.

To find out more about how water wise your home is, call the Tucson Water Zanjeros, at 791-4556.

November 2001

<http://www.ci.tucson.az.us/water/>



System Flushing Will Begin November 15th

Maintaining the Mains

If you see water flowing in your street this winter, it means a better, more efficient water system.

Tucson Water will be Maintaining the Mains again this year, flushing water at high speeds through our water mains by opening neighborhood fire hydrants. This “scours” the water system and removes naturally occurring sand, silt, and other sediments that can affect the quality of the water you receive and shorten the life of water mains, valves, and other facilities. We also work with the

Tucson Fire Department to use this opportunity to ensure the proper operation of fire hydrants.

Maintaining the Mains is a preventive maintenance program and the best way to make sure our water system remains reliable and that you continue to receive high quality water.

Tucson Water only flushes the mains during the winter months. All flushing is done at night to minimize the inconvenience of temporary changes in water pressure that might occur in your neighborhood during the operation.

Maintaining The Mains — The Bottom Line

What:	Flushing water at high speeds from neighborhood fire hydrants.
When:	November – March, 8:00 P.M. to 4:00 A.M.
Where:	Neighborhoods across the Tucson metropolitan area.
Why:	To improve the operation of our water system and extend its life.
How will I know?	The week before Tucson Water crews begin flushing, all homes, businesses, and apartments in the neighborhood will be notified.

Maintaining the Mains and Water Conservation

Flushing the mains will use water. However, in the long term, maintaining our water system in this way will save water because the system is made more efficient by keeping it clean and working properly.

Tucson Water and its customers have a long-standing ethic of water conservation and this preventive maintenance program is consistent with that community effort. When flushing, crews will monitor all water releases to make sure they are completed in the most efficient manner possible. In support of our Beat the Peak program, the system flushing will take place during the winter months.



What it means to you . . .

Maintaining the Mains In Your Neighborhood

There may be a temporary reduction in water pressure in your neighborhood during the few minutes while Tucson Water crews are actually flushing the mains. Doing this work only at night will help minimize any inconvenience you might experience.

You will be notified several days before our crews visit your neighborhood to flush the hydrants. If you have special concerns or needs, please call Tucson Water at 791-4331.

Promoting Better Water Efficiency for Tucson's Business and Industry

About 22% of the water used in Tucson annually is used by schools, commercial businesses and industry, so it's important that these Tucson Water customers have the benefit of water saving information, just as our residential customers do.

Tucson Water personnel have begun working with school districts, commercial business owners, and facilities management professionals to arrange Water Efficiency Studies of their businesses and operations.

The studies will analyze water use, identify cost-effective methods to conserve water, and provide assistance in beginning a water conservation program for the business. These studies are provided free of charge.

It's a big part of Tucson Water's on-going effort to reduce water use and help our water table begin to recover from decades of overpumping.

Clearwater Quality Report - October 2001

45*	Sodium (ppm)
252	Mineral Content (ppm)
82*	Hardness (ppm)
8.3	pH (units)
Neg*	Coliform Bacteria
1.06	Chlorine level average (ppm)
91.7	Temp (deg F)

** Values for September*



On the Water Front



Water is a precious resource and nowhere is it more precious than in the desert. Our customers have understood this for many years and that's why

Tucson is one of the best cities in the world at using water wisely. From our reclaimed water system to our annual summer Beat the Peak program, we've worked together to set the standard for wise water use.

This coming year will be an important one for water conservation. We're strengthening our already aggressive program to help commercial and industrial customers use water more efficiently - identifying their water system

problems like leaks and inefficiencies and showing them how to correct them.

We're also beginning major expansions of our reclaimed water system and celebrating more schools and industrial customers switching from drinking water to reclaimed water for their irrigation and process uses.

In addition, our Zanjero program will be in full swing, offering to visit your home and the homes of thousands of other Tucson Water customers to help reduce water use and save you money on your water bill.

Let's remember that wise water use is not just for summer - it's a year round issue. If we continue this community commitment we can watch our water table rise after decades of overpumping, continue to enjoy our riparian areas, and experience the sense of accomplishment that comes from working together to improve our environment.

David V. Modeer, Director, Tucson Water

Visit the Tucson Water Web Site at <http://www.ci.tucson.az.us/water/>

The Water Connection is produced by Tucson Water. To receive a copy, or to receive this information in Spanish, call 791-4331 or mail your request to: Customer Information, P.O. Box 27210, Tucson, AZ 85726-7210

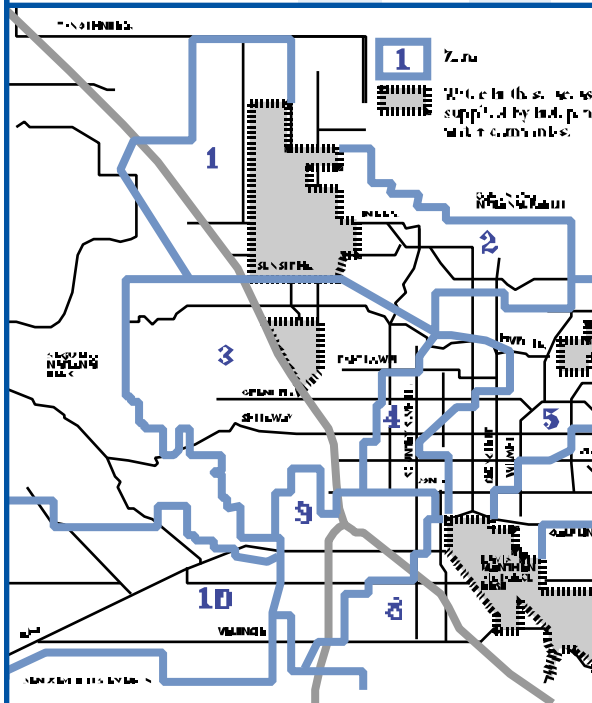
City of Tucson TTY number: 791-2639



Si usted desea este documento escrito en español, por favor, llame al 791-4331.

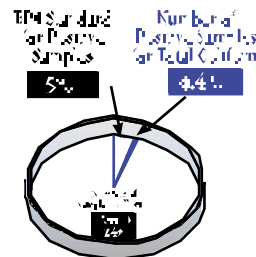
GROUNDWATER QUALITY REPORT - August 2001

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (ppm)	Average Range	53 48-66	44 41-47	53 28-69	37 28-51	35 29-44	33 26-42	32 25-41	42 38-46	44 42-47	41 40-42	41 25-69
Mineral Content (ppm)	Average Range	401 182-550	271 248-292	344 204-502	247 187-325	245 186-284	233 184-267	224 161-301	314 250-449	270 220-390	221 218-229	271 161-550
Hardness (ppm)	Average Range	240 163-313	105 95-116	162 82-230	96 75-122	99 86-119	104 90-113	96 61-114	158 95-266	127 79-200	77 76-79	125 61-313
pH (units)	Average Range	7.5 7.3-8.1	8.0 7.8-8.1	7.8 7.5-8.1	7.9 7.7-8.2	7.7 7.2-8.1	7.6 6.9-8.1	7.8 7.3-8.1	7.7 7.4-8.0	7.9 7.6-8.3	8.0 7.8-8.2	7.8 6.9-8.3
Temperature (deg F)	Average Range	85 79-90	88 86-91	87 80-96	89 83-94	85 74-93	83 73-93	86 82-93	86 79-91	89 82-99	89 87-91	87 73-99

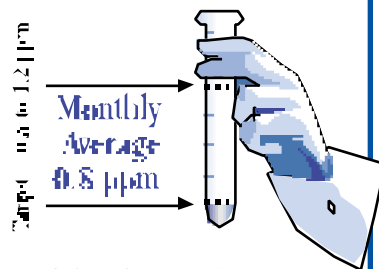


COLIFORM BACTERIA TESTING RESULTS - August 2001

Groundwater Quality Report



Chlorine Level Average



"PPM" means one part per million & is about the same as one second of time in 11.6 days.

To give you a more accurate measurement of the water quality in your neighborhood, the Tucson Water service area has been divided into 10

zones based on differences in water pressure and water quality. For a detailed description of the zone boundaries, call 791-4331.